ATTORNEYS AT LAW

I hereby certify that this paper is being facsimile transmitted to the U.S. Patent and Trademark Office on the date shown below.

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To: Examiner: Kerr Telephone Number: (703)-308-2450  
Group Art Unit: 1652  
Facsimile No.: 703-746-5205

From: Vincent K. Shier Registration No.: 50,552  
Telephone Number: 703-413-3000

Date: November 12, 2003

RE: U.S. Application Serial Number: 09/761,782  
Filed: January 18, 2001  
Attorney Docket Number: 202048US0

TOTAL NUMBER OF PAGES INCLUDING THIS PAGE: 10

COMMENTS

In the event that any fees are due, including any fees required under 37 CFR 1.136 for any necessary Extension of Time to make the filing of the attached documents timely, please charge the required fees to our Deposit Account No. 15-0030. Further, if these papers are not considered timely filed, then a petition is hereby made under 37 CFR 1.136 for the necessary extension of time.

Docket No. 202048US0

IN RE APPLICATION OF: Vitaliy A. LIVSHITS, et al.

SERIAL NO: 09/761,782

FILED: January 18, 2001

FOR: MUTANT ILVH GENE AND METHOD FOR PRODUCING L-VALINE

COMMISSIONER FOR PATENTS  
ALEXANDRIA, VIRGINIA 22313

SIR:

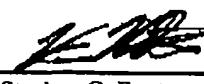
Transmitted herewith is an amendment in the above-identified application.

No additional fee is required  
 Small entity status of this application under 37 C.F.R. §1.9 and §1.27 is claimed.  
 Additional documents filed herewith:

The Fee has been calculated as shown below:

CLAIMS	CLAIMS REMAINING		HIGHEST NUMBER PREVIOUSLY PAID	NO. EXTRA CLAIMS	RATE	CALCULATIONS
TOTAL	16	MINUS	20	0	x \$18 =	\$0.00
INDEPENDENT	2	MINUS	3	0	x \$86 =	\$0.00
		<input type="checkbox"/> MULTIPLE DEPENDENT CLAIMS			+ \$290 =	\$0.00
						TOTAL OF ABOVE CALCULATIONS \$0.00
		<input type="checkbox"/> Reduction by 50% for filing by Small Entity				\$0.00
		<input type="checkbox"/> Recordation of Assignment			+ \$40 =	\$0.00
						TOTAL \$0.00

A check in the amount of \$0.00 is attached.  
 Credit card payment form is attached to cover the fees in the amount of \$0.00  
 Please charge any additional Fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit Account No. 15-0030. A duplicate copy of this sheet is enclosed.  
 If these papers are not considered timely filed by the Patent and Trademark Office, then a petition is hereby made under 37 C.F.R. §1.136, and any additional fees required under 37 C.F.R. §1.136 for any necessary extension of time may be charged to Deposit Account No. 15-0030. A duplicate copy of this sheet is enclosed.

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Docket No. 202048US0

IN RE APPLICATION OF: Vitaliy A. LIVSHITS, et al.

SERIAL NO: 09/761,782

FILED: January 18, 2001

FOR: MUTANT ILVH GENE AND METHOD FOR PRODUCING L-VALINE

COMMISSIONER FOR PATENTS  
ALEXANDRIA, VIRGINIA 22313

SIR:

Transmitted herewith is an amendment in the above-identified application.

No additional fee is required  
 Small entity status of this application under 37 C.F.R. §1.19 and §1.27 is claimed.  
 Additional documents filed herewith:

The Fee has been calculated as shown below:

CLAIMS	CLAIMS REMAINING		HIGHEST NUMBER PREVIOUSLY PAID	NO. EXTRA CLAIMS	RATE	CALCULATIONS
TOTAL	16	MINUS	20	0	x \$18 =	\$0.00
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						\$0.00
		<input type="checkbox"/> Reduction by 50% for filing by Small Entity				\$0.00
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Docket No.: 202048US0

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L. Kerr  
11/12/03

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

IN RE APPLICATION OF

Vitaly LIVSHITS, et al.

EXAMINER: KERR

SERIAL NO: 09/761,782

FILED: JANUARY 18, 2001

: GROUP ART UNIT: 1652

FOR: MUTANT ILVH GENE AND METHOD FOR PRODUCING L-VALINE

SUPPLEMENTAL AMENDMENT

COMMISSIONER FOR PATENTS

P.O. BOX 1450

ALEXANDRIA, VA 22313-1450

SIR:

Further to the Amendment and Request for Reconsideration filed on August 29, 2003 and in response to the Official Action dated May 29, 2003, Applicants respectfully request reconsideration of the above-identified application in view of the following amendment and remarks.

**Amendments to the Claims** begin on page 2 of this response.

**Support for the Amendment** appears on page 6 of this response.

**Remarks** begin on page 7 of this response.

Application Serial No.: 09/761,782  
Supplemental Response to Office Action of May 29, 2003

SUPPORT FOR THE AMENDMENT

Claims 4, 6-7, and 16-17 have been amended.

Claims 8 and 18 have been canceled.

With respect to the amendment to Claim 4, specific reference is given to page 24 for support. The amendment of Claims 7 and 17 are supported by previously pending Claims 8 and 18, respectively. The amendment of Claims 6 and 16 are supported by the specification at pages 12-16 and the Examples.

No new matter is believed to have been entered by the present amendment.